# THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

#### IN THE MATTER OF THE REVISION OF RATES

Filed by

**BAY STATE GAS COMPANY** 

D.T.E. 05-27

Exhibit to Accompany the Direct Testimony

of

Paul R. Moul Managing Consultant P. Moul & Associates

Concerning

Cost of Equity and Rate of Return

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#### **Bay State Gas Company**

#### Cost of Capital and Fair Rate of Return Pro-forma at December 31, 2004

Type of Capital	Ratios	Cost Rate	Weighted Cost Rate
Long Term Debt	46.05%	6.18%	2.85%
Common Equity	53.95%	11.50%	6.20%
Total	100.00%		9.05%

Indicated levels of fixed charge coverage assuming that the Company could actually achieve its overall cost of capital:

Pre-tax coverage of interest expense based upon a 39.225% federal and state income tax rate

( 13.05% ÷ 2.85% ) 4.58 x

Post-tax coverage of interest expense
( 9.05% + 2.85% ) 3.18 x

### Bay State Gas Company Capitalization and Financial Statistics 2000-2004, Inclusive

· .	2004	2003	2002	2001	2000	
Amount of Capital Employed			(Millions of Dollars)			
Permanent Capital	\$ 614.3	\$ 532.7	\$ 505.3	\$ 571.7	\$ 606.7	
Short-Term Debt	\$ 157.9	\$ 192.7	\$ 218.9	\$ 140.3	\$ 138.0	
Total Capital	\$ 772.3	\$ 725.4	\$ 724.2	\$ 711.9	\$ 744.7	
Capital Structure Ratios						
Based on Permanent Capital:						
Long-Term Debt	29.1%	22.2%	18.9%	26.0%	30.2%	25.3%
Preferred Stock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Common Equity	70.9%	77.8%	81.1%	74.0%	69.8%	74.7%
•	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Based on Total Capital:						
Total Debt incl. Short Term	43.6%	42.9%	43.4%	40.6%	43.2%	42.7%
Preferred Stock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Common Equity	56.4%	57.1%	56.6%	59.4%	56.8%	57.3%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rate of Return on Book Common Equity	4.5%	5.5%	1.7%	3.5%	3.0%	3.6%
Operating Ratio (1)	92.9%	90.5%	92.1%	91.5%	90.4%	91.5%
Coverage incl. AFUDC (2)						
Pre-tax: All Interest Charges	3.92 x	4.39 x	1.86 x	2.42 x	1.91 x	2.90 x
Post-tax: All Interest Charges	2.99 x	3.17 x	1.48 x	1.93 x	1.64 x	2.24 x
Overall Coverage: All Int. & Pfd. Div.	2.99 x	3.17 x	1.48 x	1.93 x	1.64 x	2.24 x
Coverage excl. AFUDC (3)						
Pre-tax: All Interest Charges	3.91 x	4.39 x	1.86 x	2.42 x	1.91 x	2.90 x
Post-tax: All Interest Charges	2.98 x	3.17 x		1.93 x	1.64 x	2.24 x
Overall Coverage: All Int. & Pfd. Div.	2.98 x	3.17 x		1.93 x	1.64 x	2.24 x
·					•	
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Effective Income Tax Rate	31.9%	35.9%	44.1%	34.6%	30.4%	35.4%
Internal Cash Generation/ Construction (4)		191.9%	184.7%	103.9%	134.9%	154.5%
Gross Cash Flow/ Avg. Total Debt(5)	18.1%	24.1%	21.1%	14.3%	15.0%	18.5%
Gross Cash Flow Interest Coverage(6)	7.34 x	8.31 x		3.85 x	3.40 x	5.65 x
Common Dividend Coverage (7)	NMF x	3.55 x	7.07 x	3.63 x	3.96 x	4.55 x

See Page 2 for Notes.

## Bay State Gas Company Capitalization and Financial Statistics 2000-2004, Inclusive

#### Notes:

- (1) Total operating expenses, maintenance, depreciation and taxes other than income as a percentage of operating revenues.
- (2) Coverage calculations represent the number of times available earnings including AFUDC (allowance for funds used during construction), as reported in its entirety, cover fixed charges.
- (3) Coverage calculations represent the number of times available earnings excluding AFUDC (allowance for funds used during construction), as reported in its entirety, cover fixed charges.
- (4) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally generated funds from operations after payment of all cash dividends.
- (5) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less AFUDC) as a percentage of average total debt.
- (6) Gross Cash Flow plus interest charges divided by interest charges.
- (7) Common dividend coverage is the relationship of internally generated funds from operations after payment of preferred stock dividends to common dividends paid.

Source of Information: D.T.E. Annual Returns and Company provided data

## <u>Gas Group</u> Capitalization and Financial Statistics (1) 1999-2003, Inclusive

	2003		2002		2001 (Millions of Dollars	1	2000		1999			
Amount of Capital Employed				•	(	,						
Permanent Capital	\$ 1,171.8		\$ 1,124.1		\$1,106.9		\$ 938.5		\$ 911.6			
Short-Term Debt	\$ 265.3		\$ 150.5		\$ 141.5		\$ 113.3		\$ 75.1			
Total Capital	\$ 1,437.1		\$ 1,274.6		\$ 1,248.4		\$ 1,051.8		\$ 986.7			
Market-Based Financial Ratios											Average	
Price-Earnings Multiple	13 x	(	17 :	X	15	X	15 x		15 x	(	15 >	X
Market/Book Ratio	194.0%		179.5%		190.8%		185.5%		189.0%		187.8%	
Dividend Yield	4.3%		4.8%		4.6%		4.9%		4.9%		4.7%	
Dividend Payout Ratio	57.8%		83.6%		67.1%		71.0%		75.6%		71.0%	
Capital Structure Ratios	•											
Based on Permanent Capital:												
Long-Term Debt	45.5%		51.8%		52.3%		49.1%		49.2%		49.6%	
Preferred Stock	0.4%		0.4%		0.4%		0.5%		0.6%		0.5%	
Common Equity	54.1%		47.7%		47.2%		50.3%		50.3%		49.9%	
	100.0%		100.0%		100.0%		100.0%		100.0%		100.0%	
Based on Total Capital:												
Total Debt incl. Short Term	56.0%		57.3%		57.6%		54.8%		54.0%		55.9%	
Preferred Stock	0.4%		0.4%		0.4%		0.5%		0.5%		0.4%	
Common Equity	43.7%		42.3%		41.9%		44.7%		45.5%		43.6%	
	100.0%		100.0%		100.0%		100.0%		100.0%		99.9%	
Rate of Return on Book Common Equity	14.5%		11.9%		13.1%		12.7%		12.3%		12.9%	
Operating Ratio (2)	86.1%		85.7%		88.3%		84.9%		85.3%		86.1%	
Coverage incl. AFUDC (3)												
Pre-tax: All Interest Charges	5.04	X	3.75		3.63		3.70 ×		3.64		3.95	
Post-tax: All Interest Charges	3.46		2.67		2.61		2.69 x		2.64		2.81	
Overall Coverage: All Int. & Pfd. Div.	3.44	X	2.66	X	2.55	X	2.62	(	2.57	X	2.77	X
Coverage excl. AFUDC (3)												
Pre-tax: All Interest Charges	5.03		3.73		3.58		3.67 >		3.60		3.92	
Post-tax: All Interest Charges	3.44		2.65		2.57		2.66		2.61		2.79	
Overall Coverage: All Int. & Pfd. Div.	3.43	X	2.64	X	2.51	X	2.59 >	(	2.53	X	2.74	X
Quality of Earnings & Cash Flow												
AFC/Income Avail, for Common Equity	0.7%		1.2%		2.4%		1.7%		2.0%		1.6%	
Effective Income Tax Rate	39.2%		39.8%		38.5%		37.7%		38.0%		38.6%	
Internal Cash Generation/ Construction (4)	,		78.2%		82.5%		84.8%		66.5%		89.7%	
Gross Cash Flow/ Avg. Total Debt(5)	23.1%		17.4%		18.7%		21.6%		19.3%		20.0%	
Gross Cash Flow Interest Coverage(6)	5.81		4.10		3.79		4.29		4.01		4.40	
Common Dividend Coverage (7)	3.75	X	3.05	X	2.89	X	3.00	(	2.60	X	3.06	X

See Page 2 for Notes.

### Gas Group Capitalization and Financial Statistics 1999-2003, Inclusive

#### Notes:

- (1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group.
- (2) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
- (3) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
- (4) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
- (5) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
- (6) Gross Cash Flow plus interest charges divided by interest charges.
- (7) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

#### Basis of Selection:

The Gas Group includes companies that (i) are engaged in the natural gas distribution business, (ii) have publicly-traded common stock, (iii) are contained in <u>The Value Line Investment Survey</u>, (iv) operate in the Northeastern and Southeastern regions of the U.S., (v) have not cut or omitted their dividend since 2000, (vi) are not currently the target of a merger or acquisition, and (vii) have at least 80% of their assets represented by gas operations.

	Corporate <u>Credit Rating</u> <u>Moody's</u> S&	<u>a (1)</u> Stock	S&P Common Stock Ranking	Value Line <u>Beta</u>
AGL Resources, Inc New Jersey Resources Corp. Piedmont Natural Gas Co. South Jersey Industries, Inc. WGL Holdings, Inc.		: :: : <u> </u>	A- A A- B+ <u>B+</u>	.80 .75 .75 .55 <u>.75</u>
Average	<u>A2 A</u>	<del>har</del>	B	<u>.72</u>

Notes: (1) Ratings are those of utility subsidiaries.

Source of Information: Utility COMPUSTAT

Moody's Investors Service Standard & Poor's Corporation

S&P Stock Guide

## Standard & Poor's Public Utilities Capitalization and Financial Statistics (1) 1999-2003, Inclusive

	(P)	2002	2001 (Millions of Dollars)	2000	1999	
Amount of Capital Employed			(minoria or Donara)			
Permanent Capital	\$ 14,116.2	\$ 14,111.6	\$13,848.1	\$ 11,801.3	\$10,238.5	
Short-Term Debt	\$ 265.7	\$ 936.6	\$ 1,195.1	\$ 1,649.0	\$ 889.4	
Total Capital	\$ 14,381.9	\$ 15,048.2	\$15,043.2	\$ 13,450.3	\$11,127.9	
Market-Based Financial Ratios						Average
Price-Earnings Multiple	13 x	15 x	17 x	18 x	17 x	16 x
Market/Book Ratio	150.5%	153.9%	194.3%	188.8%	183.3%	174.2%
Dividend Yield	4.1%	4.8%	3.9%	4.7%	4.8%	4.5%
Dividend Payout Ratio	59.6%	72.8%	61.6%	82.6%	71.3%	69.6%
Capital Structure Ratios						
Based on Permanent Capital:						
Long-Term Debt	60.5%	61.7%	58.8%	57.5%	56.0%	58.9%
Preferred Stock	1.9%	2.5%	3.0%	2.7%	2.9%	2.6%
Common Equity	37.6%	35.8%	38.2%	39.8%	41.1%	38.5%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Based on Total Capital:						
Total Debt incl. Short Term	61.9%	64.6%	62.8%	63.0%	59.5%	62.3%
Preferred Stock	1.9%	2.4%	2.7%	2.4%	2.7%	2.4%
Common Equity	36.2%	33.1%	34.5%	34.6%	37.8%	35.2%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rate of Return on Book Common Equity	10.3%	6.9%	14.2%	8.3%	12.4%	10.4%
Operating Ratio (2)	82.3%	85.1%	85.5%	86.8%	83.0%	84.5%
Coverage incl. AFUDC (3)						
Pre-tax: All Interest Charges	2.56 x	2.28 x		2.55 x	3.14 x	2.67 x
Post-tax: All Interest Charges	2.10 x	1.89 x		2.01 x	2.40 x	2.12 x
Overall Coverage: All Int. & Pfd. Div.	2.06 x	1.85 x	2.14 x	1.95 x	2.31 x	2.06 x
Coverage excl. AFUDC (3)						
Pre-tax: All Interest Charges	2.52 x	2.23 x		2.52 x	3.12 x	2.63 x
Post-tax: All Interest Charges	2.05 x	1.85 x		1.98 x	2.38 x	2.08 x
Overall Coverage: All Int. & Pfd. Div.	2.02 x	1.81 x	2.10 x	1.92 x	2.29 x	2.03 x
Quality of Earnings & Cash Flow						
AFUDC/Income Avail. for Common Equity		2.6%	2.0%	5.3%	1.7%	2.7%
Effective Income Tax Rate	41.2%	29.3%	30.6%	35.6%	35.0%	34.3%
Internal Cash Generation/Construction (4		93.0%	95.9%	87.0%	108.5%	103.1%
Gross Cash Flow/ Avg. Total Debt(5)	19.7%	17.4%	17.7%	17.7%	21.5%	18.8%
Gross Cash Flow Interest Coverage(6)	4.27 x	3.86 x		3.58 x	4.14 x	3.89 x
Common Dividend Coverage (7)	5.62 x	4.34 x	4.56 x	4.28 x	3.77 x	4.51 x

See Page 2 for Notes.

# Standard & Poor's Public Utilities Capitalization and Financial Statistics 1999-2003, Inclusive

#### Notes:

- (P) = Preliminary, because all companies have not reported their 2003 financial results to Compustat.
- (1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group.
- (2) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
- (3) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
- (4) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
- (5) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) as a percentage of average total debt.
- (6) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
- (7) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

Source of Information: Annual Reports to Shareholders Utility COMPUSTAT

#### Standard & Poor's Public Utilities

Company Identities (1)

		O ## D-	-t' (O)	Common	S&P	Value
	T'-1	Credit Ra		Stock	Stock	Line
	Ticker	Moody's	S&P	Traded	Ranking	Beta
Allegheny Energy	AYE	Ba1	BB-	NYSE	A-	1.60
Ameren Corporation	AEE	A2	A-	NYSE	A-	0.75
American Electric Power	AEP	Baa2	BBB+	NYSE	B+	1.15
CenterPoint Energy	CNP	Baa3	BBB	NYSE	В	0.55
CINergy Corp.	CIN	Baa1	BBB+	NYSE	В	0.80
CMS Energy	CMS	Ba1	BB	NYSE	, B	1.30
Consolidated Edison	ED	A1	A+	NYSE	Α-	0.60
Constellation Energy Group	CEG	A2	A-	NYSE	A-	0.85
DTE Energy Co.	DTE	Baa1	BBB+	NYSE	B+	0.70
Dominion Resources	D	A3	Α-	NYSE	В	0.85
Duke Energy	DUK	A3	A-	NYSE	Α-	1.10
Edison Int'l	EIX	Ba3	BB	NYSE	В	1.05
El Paso Corp.	EP	B1	BB	NYSE	B+	1.85
Entergy Corp.	ETR	Baa3	BBB	NYSE	B	0.75
Exelon Corp.	EXC	A3	Α-	NYSE	B	0.70
FPL Group	FPL	A1	Α	NYSE	B+	0.70
FirstEnergy Corp.	FE	Baa2	BBB	NYSE	B+	0.75
Keyspan Corp.	KSE	A3	Α	NYSE	B+	0.80
Kinder Morgan	KMI	Baa2	BBB	NYSE	В	0.80
NICOR Inc.	GAS	Aa2	AA	NYSE	B+	1.05
NiSource Inc.	Ni	Baa2	BBB	NYSE	A	0.75
PG&E Corp.	PCG	Caa2	D.	NYSE	В	1.00
PPL Corp.	PPL	Baa1	A-	NYSE	B+	0.95
Peoples Energy	PGL	Aa3	A-	NYSE	B+	0.80
Pinnacle West Capital	PNW	Baa1	BBB	NYSE	A-	0.85
Progress Energy, Inc.	PGN	Baa1	BBB+	NYSE	A-	0.80
Public Serv. Enterprise Inc.	PEG	Baa1	BBB	NYSE	B+	0.85
Sempra Energy	SRE	A2	A+	NYSE	ΝR	0.90
Southern Co.	SO	A2	Α	NYSE	A-	0.65
TECO Energy	TE	A2	BBB	NYSE	Α	0.90
TXU CORP	TXU	Baa3	BBB	NYSE	В	1.00
Williams Cos.	WMB	Caa1	B+	NYSE	В	2.40
Xcel Energy Inc	XEL	Baa1	BBB+	NYSE	B+	0.80
Average for S&P Utilities		Baa2	BBB		B+	0.95

Note: \* (1) Includes companies contained in S&P Utility Compustat. AES Corp., Calpine Corp., and Dynegy, Inc. are not included.

(2) Ratings are those of utility subsidiaries

Source of Information:

Moody's Investors Service Standard & Poor's Corporation Standard & Poor's Stock Guide

Value Line Investment Survey for Windows

#### **Bay State Gas Company**

#### Capitalization and Related Capital Structure Ratios For Ratesetting Purposes Actual and Pro Forma at December 31, 2004

	Actual Amount Outstanding	Ratesetting Adjustments		•	ro Forma djustments	, •	Ratesetting Capital Structure	Ratios
Long Term Debt	\$ 178,500,000 (1)	\$ -		\$	5,000,000	(4)	\$ 183,500,000	46.05%
Common Equity Common Stock Issued Premium on Capital Stock Other Paid-In Capital Earned Surplus	100 523,771,866 871,844 41,703,840 (2)							
Total Common Equity	566,347,650	351,406,947	(3)		-	-	214,940,703	53.95%
Total Permanent Capital	\$ 744,847,650	\$ 351,406,947	=	_\$_	5,000,000	=	\$ 398,440,703	100.00%
Notes: (1) Includes current portion of long-term debt. (2) Excludes OCI Deficit (3) Removes the following items:								
	Investment in Ass Goodwill Total	_	ies				\$ 117,973,478 233,433,469 \$ 351,406,947	
(4)	Reflects 2005 finan 6.58% notes, due 6% notes - pro for Total	June 21, 2005					\$ (10,000,000) 15,000,000 \$ 5,000,000	

Source of Information: Company's 2004 Annual Return to the D.T.E. and Company provided data

### Bay State Gas Company Calculation of the Embedded Cost of Long Term Debt Actual at December 31, 2004

Class and Series of Obligation	Date of Maturity	Rate _per Cent	Amount Outstanding	Interest Expense	Amortization of Debt Expense		Debt Expense
9.20% notes, due June 6, 2011	06/06/11	9.20%	\$ 8,500,000	\$ 782,000	\$ 7,584	\$	789,584
6.58% notes, due June 21, 2005	06/21/05	6.58%	10,000,000	658,000	51,000		709,000
7.625% notes, due June 19, 2023	06/18/23	7.625%	-	-	-		•
6.43% notes, due Dec. 15, 2025	12/15/25	6.43%	10,000,000	643,000	71,627		714,627
6.26% notes, due Feb. 15, 2028	02/15/28	6.26%	30,000,000	1,878,000	191,929		2,069,929
5.40% notes, due March 21, 2013	03/21/13	5.40%	50,000,000	2,700,000	62,772	(1)	2,762,772
5.58% notes, due Dec. 20, 2019	12/20/19	5.58%	35,000,000	1,953,000	38,028	(2)	1,991,028
5.94% notes, due Dec. 20, 2024	12/20/24	5.94%	35,000,000	2,079,000	28,080	(2)	2,107,080
Total Long -Term Debt			\$ 178,500,000	\$ 10,693,000	\$ 451,020	\$	11,144,020

Effective Interest Rate 6.24%

Notes: (1) Includes annual amortization of Call Premium and Unamortized debt expense on issue that was redeemed:

 Call Premium
 \$ 391,200

 Unamortized debt expense
 207,420

 Subtotal
 598,620

 Write down expense
 (144,666)

 Total
 \$ 453,954

 Amortization period:

12/01/05 03/21/13 88 \$ 5,159 \$ 61,908

(2) Includes annual amortization of Call Premium and Unamortized debt expense on issue that was redeemed:

 Call Premium
 \$ 381,300

 Unamortized debt expense
 1,283,380

 Subtotal
 1,664,680

 Write down expense
 (620,652)

 Total
 \$ 1,044,028

 Amortization period:
 Monthly
 Annual

 12/01/05
 12/20/19
 169
 \$ 3,089
 \$ 37,068

 12/01/05
 12/20/24
 229
 \$ 2,280
 \$ 27,360

Monthly

Source of Information: Company's 2004 Annual Return to the D.T.E. and Company provided data

2,280

229

27,360

#### Bay State Gas Company Calculation of the Embedded Cost of Long Term Debt Pro Forma at December 31, 2004

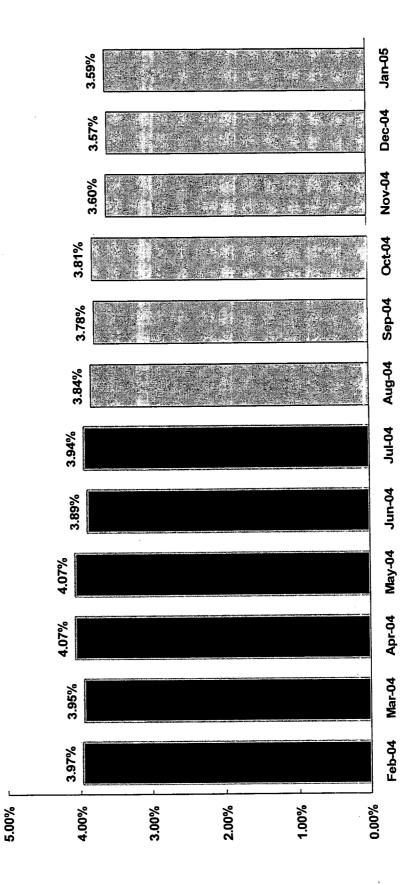
Class and Series of Obligation	Date of Maturity	Rate per Cent	_0	Amount outstanding		Interest Expense		nortization of Debt Expense			Debt Expense
9.20% notes, due June 6, 2011	06/06/11	9.20%	\$	8,500,000	\$	782,000	\$	7,584		\$	789,584
6.58% notes, due June 21, 2005	06/21/05	6.58%		•							-
6.43% notes, due Dec. 15, 2025	12/15/25	6.43%		10,000,000		643,000		71,627			714,627
3.26% notes, due Feb. 15, 2028	02/15/28	6.26%		30,000,000		1,878,000		191,929			2,069,929
5.40% notes, due March 21, 2013	03/21/13	5.40%		50,000,000		2,700,000		62,772	(1)		2,762,772
5.58% notes, due Dec. 20, 2019	12/20/19	5.58%		35,000,000		1,953,000		38,028	(2)		1,991,028
5.94% notes, due Dec. 20, 2024	12/20/24	5.94%		35,000,000		2,079,000		28,080	(2)		2,107,080
6% notes - pro forma		6.00%		15,000,000		900,000		720			900,720
Total Long -Term Debt			\$	183,500,000	\$	10,935,000	\$	400,740		\$	11,335,740
Effective Interest Rate  Notes:	(1) Includes and	nual amortizatio		all Premium ar	id Una \$	mortized debt	expen	se on issu	e tha	at w	6.18% as redeemed:
		Unamortiz ed	debt e	expense	-	207,420					
		Subtotal		<b>-</b>		598,620					
		Write down e	xpens	e		(144,666)					
		Total	•		-\$	453,954					
		Amortization	period	i.				Monthly			Annual
		12/01/05		 /21/13		88	-\$	5,159	-	\$	61,908
	(2) Includes and	nual amortizatio	n of C	all Premium ar	nd Una	mortized debt	expen	se on issu	e th	at w	as redeemed
•	(-,	Call Premium			\$						
		Unamortiz ed	debt (	expense		1,283,380					
•		Subtotal				1,664,680					
		Write down e	xpens	se		(620,652)					
		Total			-\$	1,044,028					
		Amortization	period	d:	_			Monthly			Annual
		12/01/05	•	/20/19		169	\$	3,089		\$	37,068
						000	_	0.000		_	07.000

12/20/24

Source of Information: Company's 2004 Annual Return to the D.T.E. and Company provided data

12/01/05

Gas Group Monthly Dividend Yields



5.00% SCHO HOLDING ONE 4.90% 4.00% SAND AND OUT ONE Earnings per Share=EPS Book Values per Share=BVPS
Dividends per Share=DPS Cash Flow per Share=CFPS
Percent Retained to Common Equity=BxR 5.10% 2.10% SAL HOLOUP OUT ONE 2.20% SAL HE SHIT OF THE Y 5.50% SCH 14-01 OUT OND 5.20% Stit Are out one 0.00% 2.00% 4.00% 800.9

Historical Growth Rates

Gas Group

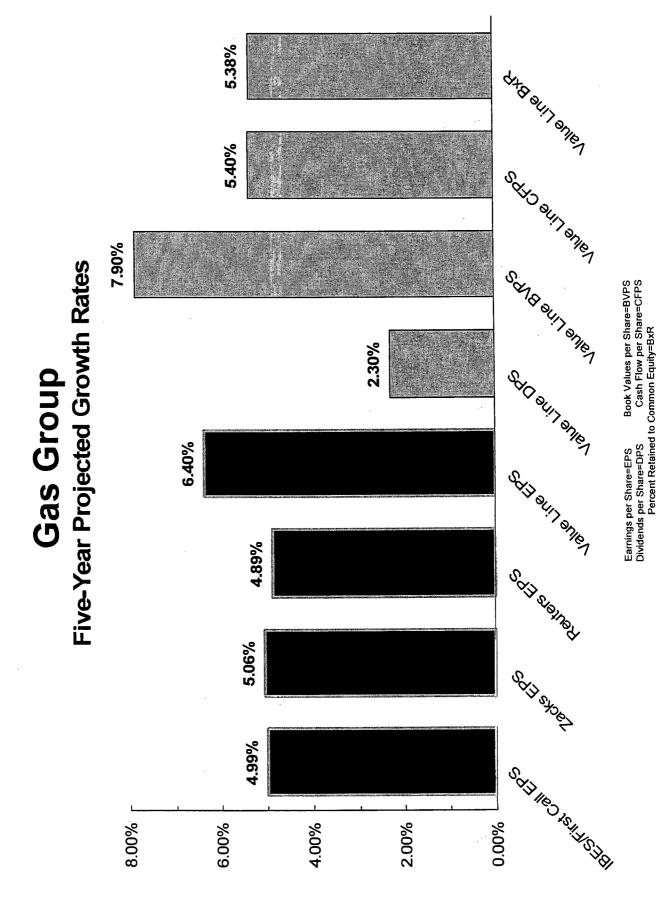
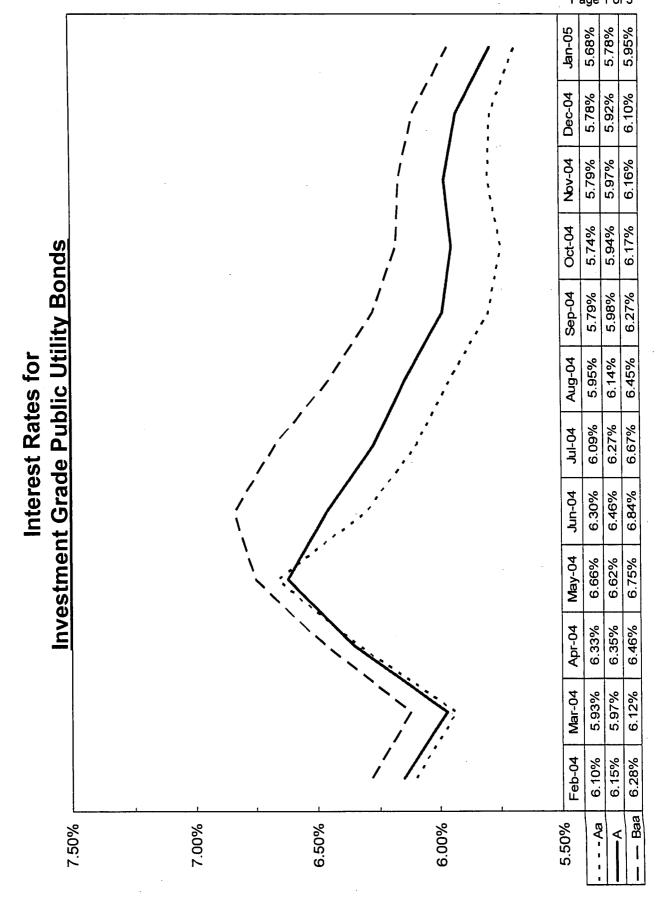


Exhibit BSG/PRM-2 Schedule PRM-10 D.T.E. 05-27 Page 1 of 5

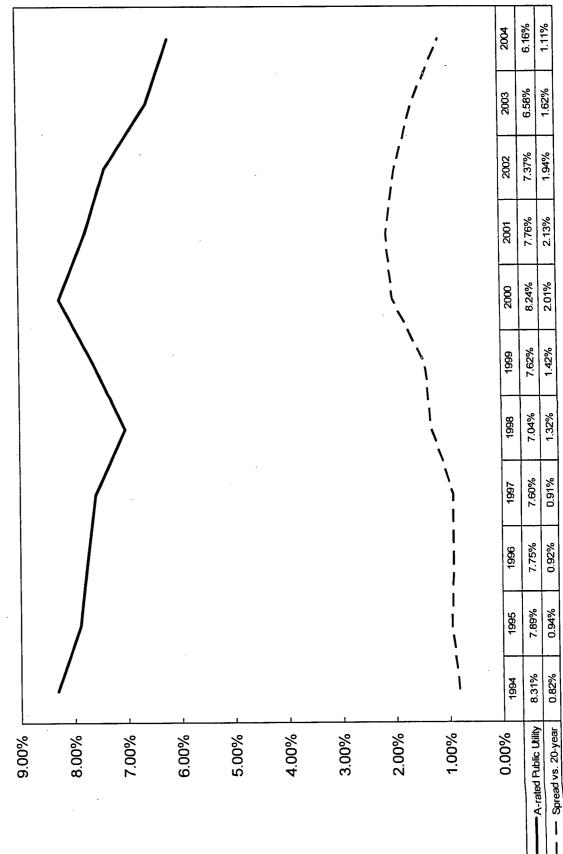


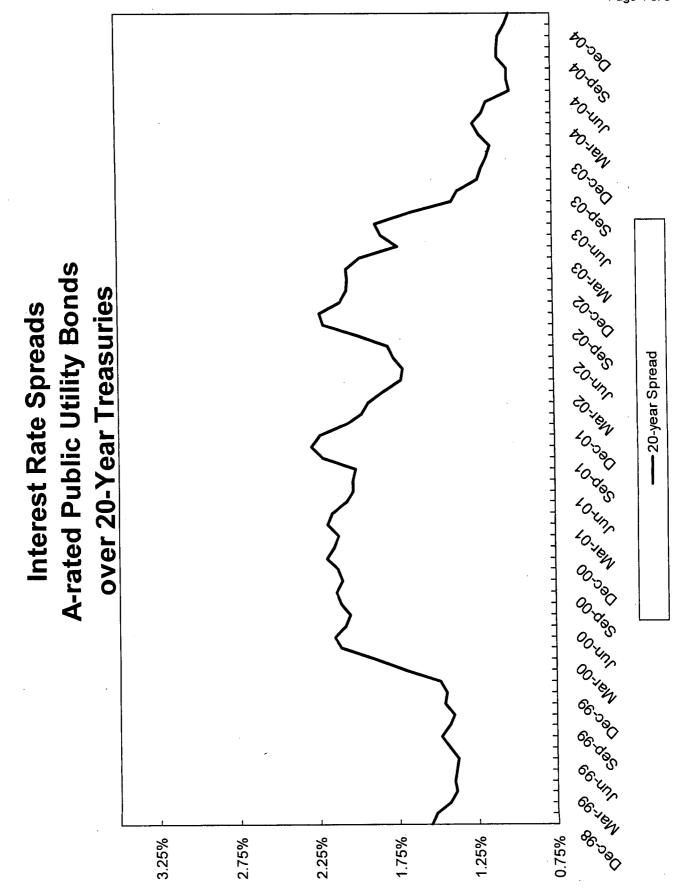
#### Interest Rates for Investment Grade Public Utility Bonds Yearly for 1999-2003 and the Twelve Months Ended January 2005

<u>Years</u>	Aa Rated	A Rated	Baa Rated	Average
1999	7.51%	7.62%	7.88%	7.56%
2000	8.06%	8.24%	8.36%	8.14%
2001	7.58%	7.76%	8.03%	7.72%
2002	7.19%	7.37%	8.02%	7.53%
2003	6.40%	6.58%	6.84%	6.61%
Five-Year				
Average	7.35%	7.51%	7.83%	<u>7.51%</u>
2004	6.04%	6.16%	6.40%	6.20%
<u>Months</u>				
Feb-04	6.10%	6.15%	6.28%	6.17%
Mar-04	5.93%	5.97%	6.12%	6.01%
Apr-04	6.33%	6.35%	6.46%	6.38%
May-04	6.66%	6.62%	6.75%	6.68%
Jun-04	6.30%	6.46%	6.84%	6.53%
Jul-04	6.09%	6.27%	6.67%	6.34%
Aug-04	5.95%	6.14%	6.45%	6.18%
Sep-04	5.79%	5.98%	6.27%	6.01%
Oct-04	5.74%	5.94%	6.17%	5.95%
Nov-04	5.79%	5.97%	6.16%	5.97%
Dec-04	5.78%	5.92%	6.10%	5.93%
Jan-05	5.68%	5.78%	5.95%	5.80%
Twelve-Month				
Average	6.01%	6.13%	6.35%	6.16%
Six-Month				
Average	5.79%	5.96%	6.18%	5.97%
Three-Month				
Average	5.75%	5.89%	6.07%	5.90%

Source: Mergent Bond Record

Yields on A-rated Public Utility Bonds and Spreads over 20-Year Treasuries





<u>Yield Spread</u>
A rated Public Utility Bonds
over 20-Year Treasuries

Year	A-rated Public Utility	20-Year Tre	sasuries Spread
Dec-98	6.91%	5.36%	1.55%
Jan-99	6.97%	5.45%	1.52%
Feb-99	7.09%	5.66%	1.43%
Mar-99	7.26%	5.87%	1.39%
Apr-99	7.22% 7.47%	5.82% 6.08%	1.40% 1.39%
May-99 Jun-99	7.74%	6.36%	1.38%
Jul-99	7.71%	6.28%	1.43%
Aug-99	7.91%	6.43%	1.48%
Sep-99	7.93%	6.50%	1.43%
Oct-99	8.06%	6.66%	1.40%
Nov-99	7.94%	6.48% 6.69%	1.46% 1.45%
Dec-99 Jan-00	8.14% 8.35%	6.86%	1.45%
Feb-00	8.25%	6.54%	1.71%
Mar-00	8.28%	6.38%	1.90%
Apr-00	8.29%	6.18%	2.11%
May-00	8.70%	6,55%	2.15%
Jun-00	8.36%	6.28%	2.08%
Jul-00	8.25%	6.20% 6.02%	2.05% 2.11%
Aug-00 Sep-00	8.13% 8.23%	6.09%	2.11%
Oct-00	8.14%	6.04%	2.10%
Nov-00	8.11%	5.98%	2.13%
Dec-00	7.84%	5.64%	2.20%
Jan-01	7.80%	5.65%	2.15%
Feb-01	7.74%	5.62%	2.12%
Mar-01	7.68%	5.49% 5.79%	2.19% 2.16%
Apr-01 May-01	7.94% 7.99%	5.78% 5.92%	2.10%
Jun-01	7.85%	5.82%	2.03%
Jul-01	7.78%	5.75%	2.03%
Aug-01	7.59%	5.58%	2.01%
Sep-01	7.75%	5.53%	2.22%
Oct-01	7.63%	5.34%	2.29%
Nov-01	7.57% 7.83%	5.33% 5.76%	2.24% 2.07%
Dec-01 Jan-02	7.66%	5.69%	1.97%
Feb-02	7.54%	5,61%	1.93%
Mar-02	7.76%	5.93%	1.83%
Apr-02	7.57%	5.85%	1.72%
May-02	7.52%	5.81%	1.71%
Jun-02	7.42%	5.65%	1.77% 1.80%
Jul-02 Aug-02	7.31% 7.17%	5,51% 5,19%	1.98%
Sep-02	7.08%	4.87%	2.21%
Oct-02	7.23%	5.00%	2.23%
Nov-02	7.14%	5.04%	2.10%
Dec-02	7.07%	5.01%	2.06%
Jan-03	7.07%	5.02%	2.05%
Feb-03	6.93%	4.87% 4.82%	2.06% 1.97%
Mar-03 Apr-03	6.79% 6.64%	4.91%	1.73%
May-03	6.36%	4.52%	1.84%
Jun-03	6.21%	4.34%	1.87%
Jul-03	6.57%	4.92%	1.65%
Aug-03	6.78%	5.39%	1.39%
Sep-03	6.56%	5.21% 5.21%	1.35% 1.22%
Oct-03 Nov-03	6.43% 6.37%	5.17%	1.22%
Dec-03	6.27%	5.11%	1.16%
Jan-04	6.15%	5.01%	1.14%
Feb-04	6.15%	4.94%	1.21%
Mar-04	5.97%	4.72%	1.25%
Apr-04	6.35%	5.16%	1.19%
May-04 Jun-04	6.62% 6.46%	5.46% 5.45%	1.16% 1.01%
Jun-04 Jul-04	6.27%	5.24%	1.01%
Aug-04	6.14%	5.07%	1.07%
Sep-04	5.98%	4.89%	1.09%
Oct-04	5.94%	4.85%	1.09%
Nov-04	5.97% 5.03%	4.89%	1.08% 1.04%
Dec-04 Jan-05	5.92% 5.78%	4.88% 4.77%	1.04%
Jan-U3	3.7070	7.1170	1.5170

#### S&P Composite Index and S&P Public Utility Index Long-Term Corporate and Public Utility Bonds Yearly Total Returns 1928-2004

		006	To in	Dublia
	S & P Composite	S & P Public Utility	Long Term Corporate	Public Utility
Year	Index	Index	Bonds	Bonds
1928	43.61%	57.47%	2.84%	3.08%
1929 1930	-8.42% -24.90%	11.02% -21.96%	3.27% 7.98%	2.34% 4.74%
1931	-24.30 % -43.34%	-35.90%	-1.85%	-11.11%
1932	-8.19%	-0.54%	10.82%	7.25%
1933	53.99%	-21.87%	10.38%	-3.82%
1934	-1.44%	-20.41% 76.63%	13.84% 9.61%	22.61% 16.03%
1935 1936	47.67% 33.92%	20.69%	6.74%	8.30%
1937	-35.03%	-37.04%	2.75%	-4.05%
1938	31.12%	22.45%	6.13%	8.11%
1939	-0.41% -9.78%	11.26% -17.15%	3.97 <b>%</b> 3.39%	6.76% 4.45%
1940 1941	-11.59%	-31.57%	2.73%	2.15%
1942	20.34%	15.39%	2.60%	3.81%
1943	25.90%	46.07%	2.83%	7.04%
1944	19.75%	18.03%	4.73% 4.08%	3.29% 5.92%
1945 1946	36.44% -8.07%	53.33% 1.26%	1.72%	2.98%
1947	5.71%	-13.16%	-2.34%	-2.19%
1948	5.50%	4.01%	4.14%	2.65%
1949	18.79%	31.39%	3.31% 2.12%	7.16% 2.01%
1950 1951	31.71% 24.02%	3.25% 18.63%	-2.69%	-2.77%
1952	18.37%	19.25%	3.52%	2.99%
1953	-0.99%	7.85%	3.41%	2.08%
1954	52.62%	24.72%	5.39%	7.57% 0.12%
1955 1956	31.56% 6.56%	11.26% 5.06%	0.48% -6.81%	-6.25%
1956	-10.78%	6.36%	8.71%	3.58%
1958	43.36%	40.70%	-2.22%	0.18%
1959	11.96%	7.49%	-0.97%	-2.29%
1960 1961	0.47% 26.89%	20.26% 29.33%	9.07% 4.82%	9.01% 4.65%
1962	-8.73%	-2.44%	7.95%	6.55%
1963	22.80%	12.36%	2.19%	3.44%
1964	16.48%	15.91%	4.77%	4.94%
1965	12.45% -10.06%	4.67% -4.48%	-0.46% 0.20%	0.50% -3.45%
1966 1967	23.98%	-0.63%	-4.95%	-3.63%
1968	11.06%	10.32%	2.57%	1.87%
1969	-8.50%	-15.42%	-8.09%	-6.66%
1970 1971	4.01% 14.31%	16.56% 2.41%	18.37% 11.01%	15.90% 11.59%
1972	18.98%	8.15%	7.26%	7.19%
1973	-14.66%	-18.07%	1.14%	2.42%
1974	-26.47%	-21.55%	-3.06%	-5.28%
1975 1976	37.20% 23.84%	44.49% 31.81%	14.64% 18.65%	15.50% 19.04%
1977	-7.18%	8.64%	1,71%	5.22%
1978	6.56%	-3.71%	-0.07%	-0.98%
1979	18.44%	13.58%	-4.18%	-2.75%
1980	32.42% -4.91%	15.08% 11.74%	-2.76% -1.24%	-0.23% 4.27%
1981 1982	21.41%	26.52%	42.56%	33.52%
1983	22.51%	20.01%	6.26%	10.33%
1984	6.27%	26.04%	16.86%	14.82%
1985 1986	32.16% 18.47%	33.05% 28.53%	30.09% 19.85%	26.48% 18.16%
1987	5.23%	-2.92%	-0.27%	3.02%
1988	16.81%	18.27%	10.70%	10.19%
1989	31,49%	47.80%	16.23%	15.61%
1990 1991	-3.17% 30.55%	-2.57% 14.61%	6.78% 19.89%	8.13% 19.25%
1992	7.67%	8.10%	9.39%	8.65%
1993	9.99%	14.41%	13.19%	10.59%
1994	1.31%	-7.94%	-5.76%	-4.72%
1995 1996	37.43% 23.07%	42.15% 3.14%	27.20% 1.40%	22.81% 3.04%
1997	33.36%	24.69%	12.95%	11.39%
1998	28.58%	14.82%	10.76%	9.44%
1999	21.04%	-8.85%	-7.45%	-1.69%
2000 2001	-9.11% -11.88%	59.70% -30.41%	12.87% 10.65%	9.45% 5.85%
2002	-22.10%	-30.04%	16.33%	1.63%
2003	28.70%	26.11%	5.27%	10.01%
2004	10.87%	24.22%	8.72%	6.03%
Geometric Mean	10.10%	8.55%	5.89%	5.50%
Arithmetic Mean	12.08%	10.94%	6.22%	5.79%
Standard Deviation		22.81%	8.67%	7.98%
Median	14.31%	11.26%	4.14%	4.65%

## Tabulation of Risk Rate Differentials for S&P Public Utility Index and Public Utility Bonds For the Years 1928-2004, 1952-2004, 1974-2004, and 1979-2004

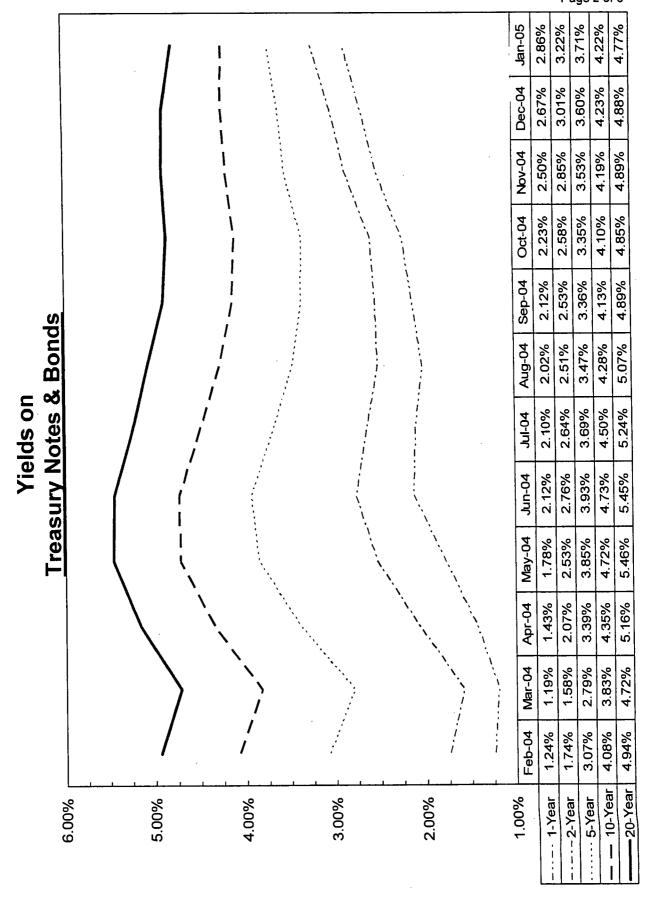
	Ran Geometric	ge		Point Estimate Arithmetic	Average of the Midpoint of Range and Point
Total Returns	Mean	Median	Midpoint	Mean	Estimate
1928-2004					
S&P Public Utility Index Public Utility Bonds	8.55% 5.50%	11.26% 4.65%		10.94% <u>5.79%</u>	
Risk Differential	3.05%	6.61%	4.83%	5.15%	4.99%
1952-2004 S&P Public Utility Index Public Utility Bonds	10.71% 6.27%	12.36% 5.22%		12.29% 6.59%	
Risk Differential	4.44%	7.14%	5.79%	5.70%	5.75%
4074 0004					
1974-2004 S&P Public Utility Index Public Utility Bonds	12.41% 8.89%	14.82% 9.44%		14.50% 9.25%	
Risk Differential	3.52%	5.38%	4.45%	5.25%	4.85%
4070 0004					
1979-2004 S&P Public Utility Index Public Utility Bonds	13.01% 9.39%	14.95% 9.45%		14.99% 9.74%	
Risk Differential	3.62%	5.50%	4.56%	5.25%	4.91%

#### Value Line Betas

Gas Group	
AGL Resources, Inc.	0.80 0.75
New Jersey Resources Corp. Piedmont Natural Gas Co.	0.75
South Jersey Industries, Inc. WGL Holdings, Inc.	0.55 _0.75_
Average	0.72

Source of Information: Value Line Investment Survey December 17, 2004

Exhibit BSG/PRM-2 Schedule PRM-12 D.T.E. 05-27 Page 2 of 6



#### Interest Rates for Treasury Constant Maturities Yearly for 1999-2003 and the Twelve Months Ended January 2005

Years	1-Year	2-Year	3-Year	5-Year	7-Year	10-Year	20-Year
1999	5.08%	5.43%	5.49%	5.55%	5.79%	5.65%	6.20%
2000	6.11%	6.26%	6.22%	6.16%	6.20%	6.03%	6.23%
2001	3.49%	3.83%	4.09%	4.56%	4.88%	5.02%	5.63%
2002	2.00%	2.64%	3.10%	3.82%	4.30%	4.61%	5.43%
2003	1.24%	1.65%	2.11%	2.97%	3.52%	4.02%	4.96%
Five-Year							
Average	3.58%	3.96%	4.20%	4.61%	4.94%	5.07%	5.69%
2004	1.89%	2.38%	2.78%	3.43%	3.87%	4.27%	5.05%
<u>Months</u>			•	4			
Feb-04	1.24%	1.74%	2.25%	3.07%	3.59%	4.08%	4.94%
Mar-04	1.19%	1.58%	2.00%	2.79%	3.31%	3.83%	4.72%
Apr-04	1.43%	2.07%	2.57%	3.39%	3.89%	4.35%	5.16%
May-04	1.78%	2.53%	3.10%	3.85%	4.31%	4.72%	5.46%
Jun-04	2.12%	2.76%	3.26%	3.93%	4.35%	4.73%	5.45%
Jul-04	2.10%	2.64%	3.05%	3.69%	4.11%	4.50%	5.24%
Aug-04	2.02%	2.51%	2.88%	3.47%	3.90%	4.28%	5.07%
Sep-04	2.12%	2.53%	2.83%	3.36%	3.75%	4.13%	4.89%
Oct-04	2.23%	2.58%	2.85%	3.35%	3.75%	4.10%	4.85%
Nov-04	2.50%	2.85%	3.09%	3.53%	3.88%	4.19%	4.89%
Dec-04	2.67%	3.01%	3.21%	3.60%	3.93%	4.23%	4.88%
Jan-05	2.86%	3.22%	3.39%	3.71%	3.97%	4.22%	4.77%
Twelve-Month						4	
Average	2.02%	2.50%	2.87%	3.48%	3.90%	4.28%	5.03%
Six-Month							
Average	2.40%	2.78%	3.04%	3.50%	3.86%	4.19%	4.89%
Three-Month							
Average	2.68%	3.03%	3.23%	3.61%	3.93%	4.21%	4.85%

Source: Federal Reserve statistical release H.15

#### Measures of the Risk-Free Rate

# The forecast of Treasury yields per the consensus of nearly 50 economists reported in the <u>Blue Chip Financial Forecasts</u> dated February 1, 2005

<u>Year</u>	Quarter	1-Year Treasury Bill	2-Year Treasury Note	5-Year Treasury Note	10-Year Treasury Note	20-Year Treasury Bond
2005	First	3.0%	3.3%	3.9%	4.4%	5.0%
2005	Second	3.4%	3.7%	4.2%	4.6%	5.2%
2005	Third	3.7%	4.0%	4.4%	4.9%	5.4%
2005	Fourth	4.0%	4.2%	4.6%	5.1%	5.6%
2006	First	4.1%	4.4%	4.8%	5.2%	5.7%
2006	Second	4.3%	4.6%	4.9%	5.3%	5.8%



Part 1 Summary & Index

File at the front of the Ratings & Reports binder. Last week's Summary & Index should be removed.

January 28, 2005

TABLE OF SUMMARY	& INDEX CONTENTS	Summary & Index Page Number
Industries, in alphabetical order Stocks, in alphabetical order Noteworthy Rank Changes	EENS	
Industries, in order of Timeliness Rank	Stocks with Lowest P/Es Stocks with Highest P/Es Stocks with Highest Annual Tot Stocks with Highest 3- to 5-yea High Returns Earned on Total (	
Highest Dividend Yielding Stocks	Bargain Basement Stocks Untimely Stocks (5 for Perform Highest Dividend Yielding Non-Highest Growth Stocks	ance)

The Median of Estimated **PRICE-EARNINGS RATIOS** of all stocks with earnings

18.8

26 Weeks Market Low Market High Ago 17.7 10-9-02 4-5-04 14.1 19.7

The Median of Estimated DIVIDEND YIELDS (next 12 months) of all dividend paying stocks under review

1.6%

Market Low Market High 10-9-02 4-5-04 26 Weeks 10-9-02 2.4% Ago 1.7% 1.6%

The Estimated Median Price APPRECIATION POTENTIAL of all 1700 stocks in the hypothesized economic environment 3 to 5 years hence

40%

Market Low Market High 26 Weeks Ago 55% 10-9-02 4-5-04 40% 115%

#### ANALYSES OF INDUSTRIES IN ALPHABETICAL ORDER WITH PAGE NUMBER

Numeral in parenthesis after the industry is rank for probable performance (next 12 months).

Number at the parchaloc	no artor tito intadotty to tal	m ver present promise	· 1
PAGE	PAGE	PAGE	PAGE
Advertising (33)1921	Educational Services (52) 1581	Insurance (Prop/Cas.) (41) 584	Railroad (13)283
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Air Transport (44)253	Electric Util. (Central) (90) 695	Investment Co. (23) 959	Recreation (84)1841
Apparel (91)	Electric Utility (East) (93) 154	Investment Co.(Foreign) (26) 359	Restaurant (58)
Auto & Truck (28)101	Electric Utility (West) (83) 1774	*Machinery (55)1331	Retail Automotive (64) 1665
Auto Parts (94)790	Electronics (63) 1023	Manuf. Housing/RV (48)1551	Retail Building Supply (4)880
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Bank (Midwest) (86)	Environmental (78)	Medical Supplies (43) 178	*Securities Brokerage (34) 1424
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Beverage (Soft Drink) (88) 1542	Food Processing (74) 1481	Metals & Mining (Div.) (31) 1222	Semiconductor Equip (65) 1092
Biotechnology (57)	Food Wholesalers (46) 1529	Natural Gas (Distrib.) (97) 459	Shoe (72) 1696
Building Materials (45) 851	Foreign Electronics (16) 1558	Natural Gas (Div.) (19)437	Steel General) (1) 574
Cable TV (30) 823	Foreign Telecom. (21) 765	Newspaper (76) 1907	*Steel (Integrated) (11) 987, 1414
Canadian Energy (35) 428	Furn/Home Furnishings (92) 894	Office Equip/Supplies (82) 1137	Telecom. Equipment (51)742
Cement & Aggregates (32) 887	Grocery (81) 1514	Oilfield Svcs/Equip. (20)1940	Telecom. Services (66)719
Chemical (Basic) (3) 1234	Healthcare Information (61) 655	Packaging & Container (40) 925	Thrift (85) 1161
Chemical (Diversified) (39) 1961	Home Appliance (75) 117	Paper/Forest Products (29) 908	Tire & Rubber (50)111
Chemical (Specialty) (54) 476	Homebuilding (2) 866	Petroleum (integrated) (17) 405	Tobacco (98) 1574
Coal (5) 521	Hotel/Gaming (67) 1876	Petroleum (Producing) (7) 1930	Toilet ries/Cosmetics (60) 811
Computers/Peripherals (22) 1107	Household Products (87) 942	Pharmacy Services (36)780	Trucking (6)
Computer Software/Svcs (10) 2167	Human Resources (62) 1285	Power (89)	*Wate" Utility (95)1420
*Diversified Co. (53)	Industrial Services (42) 321	Precious Metals (73) 1214	Wireless Networking (14) 509
Drug (70)1242	Information Services (15)374		
*E-Commerce (12)1439	Insurance (Life) (47) 1200	Publishing (49) 1893	*Reviewed in this week's issue.

In three parts: This is Part 1, the Summary & Index. Part 2 is Selection & Opinion. Part 3 is Ratings & Reports. Volume LX, No. 22. Published weekly by VALUE LINE PUBLISHING, INC. 220 East 42nd Street, New York, N.Y. 10017-5891

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Table 4

**Basic Series** 

Summary Statistics of Annual Returns

From 1926 to 2004

1/1/26 to 12/31/04		·
Geometric Mean	Arithmetic Mean	Standard Deviation
10.4%	12.4%	20.3%
12.7%	17.5%	33.1%
5.9%	6.2%	8.6%
5.4%R	5.8%	9.3%
5.4%	5.5%	5.7%
3.7%	3.8%	3.1%
3.0%E	3.1%E	4.3%
-	Geometric Mean  10.4%  12.7%  5.9%  5.4%R  5.4%  3.7%	Geometric Mean         Arithmetic Mean           10.4%         12.4%           12.7%         17.5%           5.9%         6.2%           5.4%R         5.8%           5.4%         5.5%           3.7%         3.8%

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R = Revised E = Estimated

Comparable Earnings Approach
Using Non-Utility Companies with
Timeliness of 3, 4 & 5; Safety Rank of 1 & 2; Financial Strength of B++ & A;
Price Stability of 100; Betas of .55 to .80; and Technical Rank of 2 & 3

Company	Industry	Timeliness Rank	Safety Rank	Financial Strength	Price Stability	Beta	Technical Rank
ABM Industries Inc.	INDUSRV	4	2	B++	85	0.75	3
Alleghany Corp.	INSPRPTY	4	<sub>.</sub> 1	Α	100	0.55	3
Arrow Int'l	MEDSUPPL	4	2	Α	90	0.60	3
Banta Corp.	PUBLISH	4	2	B++	95	0.75	3
Bob Evans Farms	RESTRNT	5	2	B++	85	0.80	3
BOK Financial	BANKMID	3	2	B++	95	0.80	3
Campbell Soup	FOODPROC	3	2	B++	95	0.60	3
Capitol Fed. Fin'l	THRIFT	3	2	B++	95	0.70	2
Church & Dwight	HOUSEPRD	3	2	Α	75	0.55	3
Clorox Co.	HOUSEPRD	4	2	Α	80	0.65	3
Commerce Bancshs.	BANKMID	3	1	Α	100	0.80	3
ConAgra Foods	FOODPROC	3 .	2	Α	90	0.70	3
Com Products Int'l	FOODPROC	3	2	B++	85	0.80	. 3
Curtiss-Wright	MACHINE	3	2	B++	90	0.65	3
Dentsply Int'l	MEDSUPPL	3	2	B++	95	0.70	3
Franklin Electric	ELECEQ	3	2	B++	85	0.65	3
Gen'l Mills	FOODPROC	- 3	1	Α	100	0.55	3
Hillenbrand Inds.	DIVERSIF	5	2	Α	90	0.80	3
Homel Foods	FOODPROC	4	1	Α	95	0.65	3
Int'l Flavors & Frag.	CHEMSPEC	3	2	B++	85	0.75	3
Kellogg	FOODPROC	4	2	B++	90	0.60	3
Lawson Products	METALFAB	3	1	Α	90	0.65	2
Markel Corp.	INSPRPTY	3	2	B++	95	0.80	3
RLI Corp.	INSPRPTY	3	2	B++	95	0.75	3
Sensient Techn.	FOODPROC	3	2	B++	85	0.75	3
Standex Int'l	DIVERSIF	, <b>3</b>	2	B++	80	0.80	3
Tecumseh Products 'A'	MACHINE	3	2	Α	80	0.80	2
Tennant Co.	MACHINE	4	2	B++	85	0.80	3
Thomas Inds.	MACHINE	5	2	B++	80	0.75	3
Universal Corp.	TOBACCO	5	2	B++	90	0.70	3
Weis Markets	GROCERY	3	1	A	95	0.70	3
Wendy's Int'l	RESTRNT	4	2	A	80	0.75	3
vvendy s inti	KEO IKKI						
Average		4	2	<u>B++</u>	89	0.71	3
Gas Group	Range	3 to 5	1 to 2	B++ to A	100	.55 to .80	2 to 3
•	Average	4	2	B++	100	0.72	3

Source of Information: Value Line Investment Survey for Windows, January 7, 2005

# Comparable Earnings Approach Five -Year Average Historical Earned Returns for Years 2000-2004 and Projected 3-5 Year Returns

	•						
Company	2000	2001	2002	2003_	2004	Average	Projected 2007-09
ABM Industries Inc.	13.7%	12.5%	12.1%	8.2%	9.0%	11.1%	13.5%
Alleghany Corp.	2.9%	15.8%	4.0%	10.4%	4.5%	7.5%	7.5%
Arrow Int'l	17.0%	14.3%	13.1%	13.3%	12.5%	14.0%	12.5%
Banta Corp.	15.8%	14.2%	13.3%	12.2%	13.0%	13.7%	14.0%
Bob Evans Farms	11.1%	12.5%	13.4%	11.4%	7.0%	11.1%	11.0%
BOK Financial	14.2%	15.2%	13.8%	12.9%	13.0%	^3.8%	11.5%
Campbell Soup	521.2%	-	-	NMF	74.7%	298.0%	33.5%
Capitol Fed. Fin'l	7.7%	7.4%	9.1%	5.3%	4.0%	6.7%	10.0%
Church & Dwight	20.9%	19.1%	19.4%	17.9%	20.5%	19.6%	14.5%
Clorox Co.	23.4%	20.2%	23.8%	42.3%	35.5%	29.0%	93.5%
Commerce Bancshs.	15.6%	14.3%	14.1%	14.2%	15.0%	14.6%	13.5%
ConAgra Foods	27.0%	17.1%	18.2%	18.2%	16.4%	19.4%	19.0%
Corn Products Int'l	6.4%	6.7%	7.6%	8.3%	10.5%	7.9%	10.5%
Curtiss-Wright	13.1%	11.6%	10.1%	10.9%	12.0%	11.5%	12.5%
Dentsply Int'l	19.4%	18.0%	17.5%	15.4%	14.0%	16.9%	13.5%
Franklin Electric	20.9%	22.0%	21.0%	17.9%	17.5%	19.9%	17.5%
Gen'l Mills	NMF	NMF	16.2%	24.0%	20.8%	20.3%	17.0%
Hillenbrand Inds.	18.7%	17.7%	19.8%	21.1%	16.5%	18.8%	21.5%
Hormel Foods	19.5%	18.3%	17.0%	14.8%	14.5%	16.8%	17.5%
Int'l Flavors & Frag.	23.7%	25.8%	32.0%	26.9%	24.0%	26.5%	19.0%
Kellogg	72.6%	61.1%	79.4%	54.5%	47.0%	62.9%	28.0%
Lawson Products	16.3%	8.7%	7.7%	9.7%	13.0%	11.1%	14.5%
Markel Corp.	NMF	NMF	3.2%	6.1%	11.0%	6.8%	13.0%
RLI Corp.	8.8%	9.0%	8.4%	10.6%	9.0%	9.2%	11.5%
Sensient Techn.	16.7%	15.1%	16.2%	13.4%	12.0%	14.7%	13.0%
Standex Int'l	18.5%	14.5%	11.4%	11.1%	13.5%	13.8%	18.5%
Tecumseh Products 'A'	6.6%	4.4%	5.5%	3.8%	3.0%	4.7%	10.0%
Tennant Co.	18.2%	3.1%	8.0%	8.5%	8.5%	9.3%	12.0%
Thomas Inds.	13.5%	11.9%	10.4%	9.4%	6.5%	10.3%	6.5%
Universal Corp.	23.7%	21.4%	18.1%	18.3%	16.5%	19.6%	17.0%
Weis Markets	7.9%	10.1%	10.4%	9.5%	9.0%	9.4%	10.5%
Wendy's Int'l	16.1%	18.8%	15.1%	13.4%	14.0%	15.5%	16.5%
Average						24.5%	17.3%
Median		e.				13.9%	13.5%

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